

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/05236

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G09C5/00 H04L9/12 H04N1/44 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09C H04L H04N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	US 5 185 796 A (WILSON ALAN L) 9 February 1993 (1993-02-09)  column 1, line 48 - line 56 column 3, line 20 - line 25 column 3, line 59 - column 4 column 5, line 21 - line 30 -----	1,2,5-8, 11,12 3,4,9,10 13-15
Y	US 2002/120838 A1 (ABDULKADER BARBIR) 29 August 2002 (2002-08-29) abstract paragraph '0012! paragraph '0017! - paragraph '0019! paragraph '0040! ----- -/-	3,4,9,10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

26 February 2004

Date of mailing of the international search report

05/03/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 806 230 A (FRANCE TELECOM) 14 September 2001 (2001-09-14) abstract page 5 ----	1-15
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 146 (P-1707), 10 March 1994 (1994-03-10) & JP 05 323267 A (TOSHIBA CORP), 7 December 1993 (1993-12-07) abstract ----	1-15
A	WO 00 57595 A (KENT RIDGE DIGITAL LABS ;BAO FENG (SG); DENG HUIJIE ROBERT (SG)) 28 September 2000 (2000-09-28) page 2, line 32 -page 3, line 22 page 5, line 20 - line 31 page 6, line 19 - line 20 ----	1-4,7-10
A	SCHNEIER B: "Applied Cryptography;Protocols, Algorithms, and Source Code in C" , APPLIED CRYPTOGRAPHY. PROTOCOLS, ALGORITHMS, AND SOURCE CODE IN C, NEW YORK, NY: JOHN WILEY & SONS, US, PAGE(S) 15,17,237,461-462 XP002118740 ISBN: 0-471-11709-9 page 15 -page 17 ----	1-15
A	SCHNEIER BRUCE: "Applied Cryptography Second Edition: protocols, algorithms, and source code in C" , APPLIED CRYPTOGRAPHY. PROTOCOLS, ALGORITHMS, AND SOURCE CODE IN C, NEW YORK, JOHN WILEY & SONS, US, PAGE(S) 202-203 XP002104588 ISBN: 0-471-11709-9 page 202 -page 203 ----	1-15
A	MENEZES ET AL: "Handbook of applied cryptography" , HANDBOOK OF APPLIED CRYPTOGRAPHY, XX, XX, PAGE(S) 191-195,223-233 XP002224945 page 191 -page 195 ----	1-15
A	NAOR M ET AL: "Visual cryptography" ADVANCES IN CRYPTOLOGY. EUROCRYPT, XX, XX, 12 May 1994 (1994-05-12), pages 1-12, XP002205767 abstract page 1 -page 2 -----	1-15 /

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Publication No

PCT/IB 03/05236

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5185796	A	09-02-1993	NONE	
US 2002120838	A1	29-08-2002	CA 2330166 A1	29-06-2002
FR 2806230	A	14-09-2001	FR 2806230 A1	14-09-2001
JP 05323267	A	07-12-1993	NONE	
WO 0057595	A	28-09-2000	WO 0057595 A1 EP 1161811 A1	28-09-2000 12-12-2001